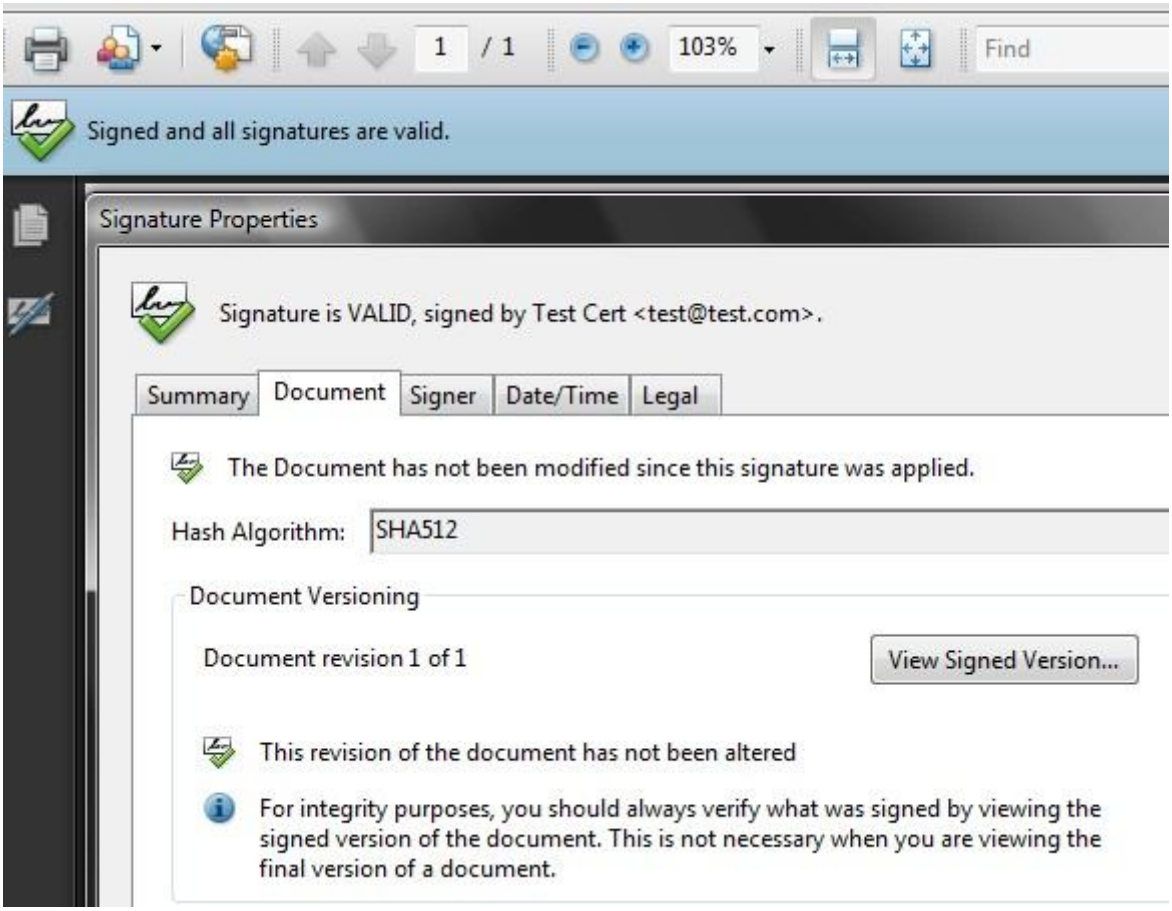
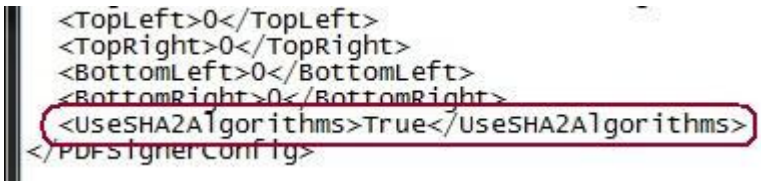
Using SHA-512 Algorithm for Digital Signatures

SHA-2 hash function – Our software may sign PDF documents using SHA-256, SHA-512 hash algorithm and RSA 2048 or higher key length according to ETSI TS 102 176-1 V2.0.0 (“ALGO Paper”).



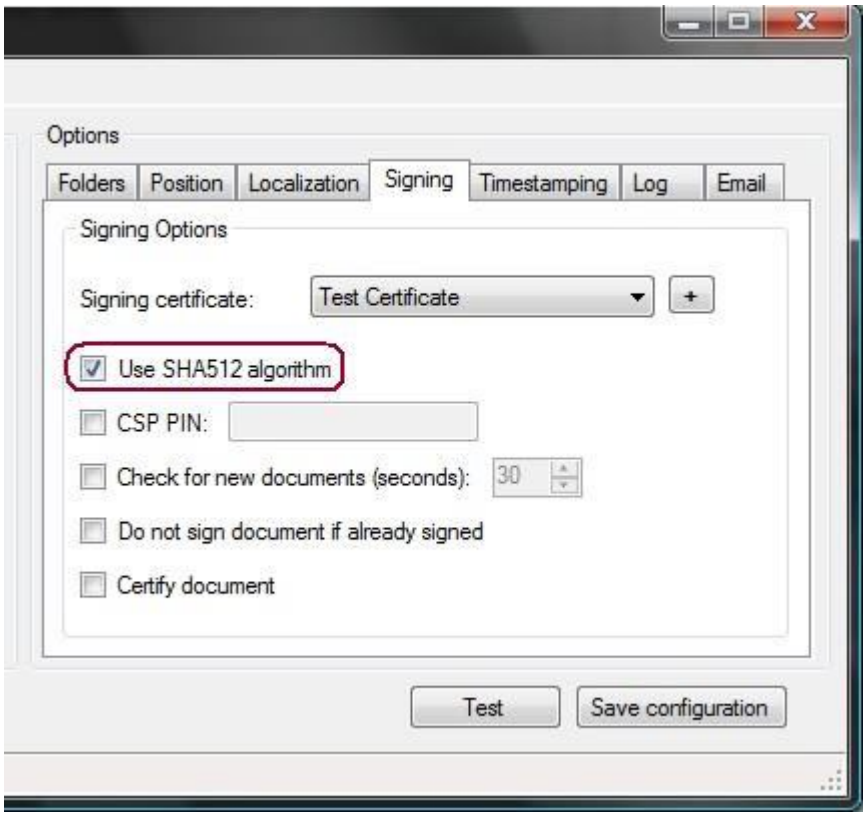
Using SHA-512 algorithm with PDF Signer

1. Go to *%appdata%/Secure Soft/ PDF Signer/<product version>/*
2. Edit the file *config.xml*
3. Locate the section *<UseSHA2Algorithms>*
4. Change the **False** value to **True**
5. Save the file and start *PDF Signer*



Using SHA-512 algorithm with PDF Signer Server

1. Start the *PDF Signer Server*
2. Go to *Signers* tab
3. Check the checkbox *Use SHA512 algorithm*
4. Save the server configuration using *Save configuration* button



Using SHA-512 algorithm with PDFSignDLL

To use SHA-2 algorithms (SHA-256, SHA-384, SHA-512) with PDFSignDLL, add this line of code before sign the PDF.

C#:
```
PDFSign.SignatureHashAlgorithm = HashAlgorithm.SHA512;
```

Visual Basic .NET:
```
PDFSign.SignatureHashAlgorithm = HashAlgorithm.SHA512
```

Visual C++:
```
PDFSign::SignatureHashAlgorithm = HashAlgorithm::SHA512;
```